

Converting Colors

$Yxy(18.4187, 0.2740, 0.1978)$

Have a look what the booklet for
Yxy(18.4187, 0.2740, 0.1978)
contains.

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Color

Yxy(18.5268, 0.2745, 0.1984)

Conversions

Conversions Part 1

Format	Color
Hex	9561BB
RGB	149, 97, 187
RGB Percent	58%, 38%, 73%
CMY	0.4158, 0.6195, 0.2668
CMYK	0.20, 0.48, 0.00, 0.27
HSL	275°, 40%, 56%
HSV	275°, 48%, 73%
XYZ	25.6331, 18.5268, 49.2212
YIQ	122.8080, 2.1020, 39.0140

Conversions

Conversions Part 2

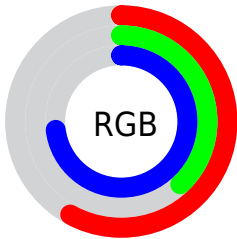
Format	Color
R _Y B	149, 97, 187
Decimal	9789883
CIE Lab	50.13, 38.00, -39.48
CIE LCh	50, 54.798, 313.908
Yxy	18.5268, 0.2745, 0.1984
Android (android.graphics.Color)	4287979963 (0xFF9561BB)
YUV	122.8080, 31.6467, 22.9704
Hunter-Lab	43.0428, 30.9766, -37.6706

Details

The Yxy color **18.5268, 0.2745, 0.1984** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **41.5428, 0.3353, 0.4656**, and the grayscale version is **19.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.0057, 0.2840, 0.2228**, and **6.2942, 0.2575, 0.1602** is the 20% darker color. If you saturate the color by 10%, you get **14.7516, 0.2638, 0.1713**, and if you desaturate by 10%, it is **23.1681, 0.2844, 0.2268**.

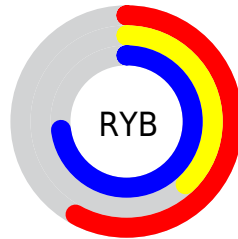
Distribution



Red (58%)

Green (38%)

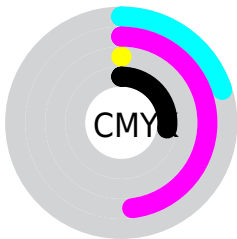
Blue (73%)



Red (58%)

Yellow (38%)

Blue (73%)

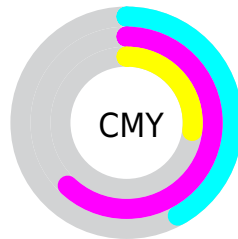


Cyan (20%)

Magenta (48%)

Yellow (0%)

Black (27%)



Cyan (42%)


Magenta (62%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5268, 0.2745, 0.1984 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 18.5268, 0.2745, 0.1984 by changing the saturation by 10% instead.


 18.5268, 0.2745,
0.1984


 18.5268, 0.2745,
0.1984


243.8238, 0.2979,
0.2658


 11.3289, 0.2672,
0.1814


 40.9330, 0.2841,
0.2231


 6.2885, 0.2568,
0.1599


 56.9100, 0.2874,
0.2324

 3.0213, 0.2415,
0.1320

 76.5821, 0.2900,
0.2401

 1.1429, 0.2172,
0.0955

 100.3338, 0.2921,
0.2468

 0.0143, 0.1851,
0.0028

128.5494, 0.2939,
0.2525

 0.0000, 0.0000,
0.0000

161.6134, 0.2955,

0.2575

199.9100, 0.2968,
0.2619

■ 18.5268, 0.2745,
0.1984

■ 18.5268, 0.2745,
0.1984

■ 14.7516, 0.2638,
0.1713

■ 23.1681, 0.2844,
0.2268

■ 11.7811, 0.2525,
0.1468

■ 28.7267, 0.2934,
0.2552

■ 9.5495, 0.2412,
0.1262

■ 35.2523, 0.3012,
0.2829

■ 7.9786, 0.2303,
0.1104

■ 42.7903, 0.3080,
0.3091

■ 6.9461, 0.2201,
0.0994

■ 51.3832, 0.3137,
0.3335

6.7749, 0.2182,
0.0976

61.0711, 0.3185,
0.3558

71.8918, 0.3225,
0.3761

83.8814, 0.3258,
0.3943

90.3299, 0.3299,
0.4013

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



18.5268, 0.1971, 0.1811



18.5268, 0.2745, 0.1984



18.5268, 0.3795, 0.2401

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.5268, 0.2745, 0.1984



18.5268, 0.4870, 0.4385



18.5268, 0.1692, 0.3308

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.5268, 0.2745, 0.1984



41.5428, 0.3353, 0.4656

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



18.5268, 0.2316, 0.4496



18.5268, 0.2745, 0.1984



18.5268, 0.4144, 0.5025

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.5268, 0.2745, 0.1984



18.5268, 0.5147, 0.3669



18.5268, 0.3218, 0.5200



18.5268, 0.1451, 0.2387

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.5268, 0.2745, 0.1984



18.5268, 0.4476, 0.2782



18.5268, 0.3218, 0.5200



18.5268, 0.1858, 0.3702

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.5275, 0.2745, 0.1984



68.1830, 0.3040, 0.2933



23.7371, 0.2345, 0.2452



14.3892, 0.3025, 0.2875



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.5275, 0.2745, 0.1984



25.9346, 0.2628, 0.1692



22.4493, 0.3250, 0.2204



9.4901, 0.3072, 0.3059



4.7129, 0.2194, 0.0982



0.2223, 0.2435, 0.1115

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



20.8638, 0.3863, 0.2766



30.9505, 0.4126, 0.2667



39.0498, 0.3021, 0.4691



9.6014, 0.3224, 0.3193



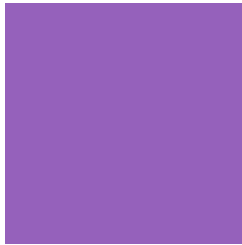
7.6818, 0.5258, 0.2670



0.3140, 0.4648, 0.2334

Previews

White Background



This preview shows how the Yxy color 18.5268, 0.2745, 0.1984 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 18.5268, 0.2745, 0.1984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

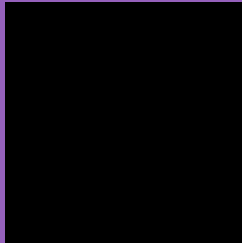
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 18.5268, 0.2745, 0.1984

Background



This preview shows how black text looks on a background with the Yxy color 18.5268, 0.2745, 0.1984.



This preview shows how white text looks on a background with the Yxy color 18.5268, 0.2745, 0.1984.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.5268, 0.2745, 0.1984

Protanopia

18.8797, 0.2078, 0.1889

Deuteranopia

18.7364, 0.2256, 0.2194



Tritanopia

18.5940, 0.3359, 0.3148

Trichromacy



Original Color

18.5268, 0.2745, 0.1984

Protanomaly

18.2932, 0.2266, 0.1909

Deuteranomaly

18.2091, 0.2405, 0.2096

Tritanomaly

18.3105, 0.3118, 0.2653

Monochromacy



Original Color

18.5268, 0.2745, 0.1984

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0155, 0.2981, 0.2736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5268, 0.2745, 0.1984 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(149, 97, 187)` looks like.

```
.text, #text, p{  
    color:rgb(149, 97, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(149, 97, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 97, 187) }
```

Border

The CSS property to change the border of an element to Yxy 18.5268, 0.2745, 0.1984 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 97, 187) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(149, 97, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(149, 97, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 97, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 97, 187);  
box-shadow:4px 4px 4px 4px rgb(149, 97,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5268, 0.2745, 0.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 97, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(149, 97,  
187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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